Tripp Lite
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# SmartRack 33,000 BTU 200-240V Energy-Saving, Row-Based Air Conditioning Unit with Hardwire Input

MODEL NUMBER: **SRXCOOL33K**

## Description

The harder your data center, network closet or server room works, the more it heats up, leading to inefficient operation, weakened performance and raised cooling costs. In fact, cooling can consume more than half of the power used by a high-density installation—start saving power and money with Tripp Lite's SRXCOOL33K today! The SRXCOOL33K provides 33,000 BTU of efficient, reliable cooling in a 42U rack form factor. It features cutting-edge components that limit inrush current and enable precision cooling adjustments to minimize power consumption, maximize cooling and improve your application efficiency.

By delivering cold air high in the cold aisle, the SRXCOOL33K promotes temperature uniformity from 1U to 42U, allowing your equipment to perform at its peak. Controlling the unit is simple with the intuitive LCD display, or control it from anywhere in the world with the included Modbus card or an optional network interface (Tripp Lite SNMPWEBCARD, sold separately). With hardwire input (user supplied IEC 309 32-amp set, optional) and exhaust connection directly into the drop ceiling, you can install the unit with no electrician or contractor necessary, saving on up-front installation costs. Maintenance is no-hassle due to the self-contained design, which requires no water collection tank or extra plumbing, while RoHS compliance and eco-friendly R410a refrigerant means you'll never have to worry about meeting environmental standards.

## Features

- 33,000 BTU (9.7kW) of cooling power with 1/3 less power consumption
- Variable-speed, DC-inverter-driven compressor and microprocessor-controlled electronic expansion valve (EEV) enable precision cooling adjustments--no more wasteful, noisy cycling between off and full blast
- Soft-start feature limits inrush current to prevent introduction of line noise, voltage disruptions and potential circuit overloads
- Self-contained, zero-maintenance unit re-humidifies condensate and expels it through the exhaust air stream--no floor drain, water collection tank, external condenser, refrigerant piping, duct work or plumbing

## Highlights

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- Hardwire Input (User-supplied IEC 309 32-amp set, optional) - no electrician needed
- 200-240V AC Input, 50/60 Hz frequency compatibility
- 1 year limited warranty

## Applications

Supplemental cooling of data center equipment in confined areas where the facility HVAC is inadequate or doesn't reach.

## Package Includes

- SRXCOOL33K Air Conditioning Unit
- Flexible Air Ducts
- Unpacking Guide, Installation Manual and Owner's Manual
- Unloading Ramps
- Hot Exhaust Removal Tube

required

- Convenient LCD control panel and network interface provide local and remote monitoring and control of temperature, humidity, fan speed, alarms and logging via front-panel buttons, SNMP, Web, telnet/SSH or Modbus
- Row-based airflow path maximizes hot-aisle/cold-aisle efficiency and cooling predictability by supplying cold intake air high in the cold aisle and removing hot equipment exhaust air high in the hot aisle
- Hardwire (User-supplied IEC 309 32-amp set, optional) - no electrician needed
- RoHS compliance and R410A refrigerant meets environmental standards worldwide
- 200-240V AC Input, 50/60 Hz frequency compatibility

- Hot Exhaust Removal Tube
- Owner's Manual

## Specifications

| | |
|---|---|
| **OVERVIEW** | |
| Model Type | Active Cooling |
| **INPUT** | |
| Nominal Input Voltage(s) Supported | 200V AC; 208V AC; 220V AC; 240V AC |
| Input Connection Type | Hardwire |
| Input Cord Length (ft.) | 10 |
| Input Cord Length (m) | 3 |
| Input Frequency | 50/60 Hz |
| **USER INTERFACE, ALERTS & CONTROLS** | |
| Front Panel LEDs | Multi-line LCD control panel |
| **PHYSICAL** | |
| Shipping Dimensions (hwd / in.) | 85.5 x 26.5 x 46.85 |
| Shipping Dimensions (hwd / cm) | 217.17 x 67.31 x 119 |
| Shipping Weight (lbs.) | 352 |
| Unit Dimensions (hwd / in.) | 78.5 x 23.63 x 43 |
| Unit Dimensions (hwd / cm) | 199.39 x 60.02 x 109.22 |
| Unit Weight (lbs.) | 700 |
| Unit Weight (kg) | 317.51 |
| Material of Construction | Steel/Aluminum |
| Color | Black |
| **ENVIRONMENTAL** | |
| Cooling Capacity | 33,000 BTU / 9.7 kW |

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|---|---|
| **SPECIAL FEATURES** | |
| Dehumidifier | 3.2 L/HR |
| Compressor Type | DC inverter driven variable speed |
| Refrigerant | R410a (Environmentally friendly, Non ozone depleting) |
| Refrigerant Amount | 8.4lbs |
| Air Flow | 1200 CFM |
| Amp Draw Nominal | Variable |
| Sound Level (Noise) | |
| Air Exhaust Tube Length | 98 inches |
| Air Exhaust Tube Diameter | 9.84 inches |
| **CERTIFICATIONS** | |
| Certifications | Tested to UL484; CSA, RoHS |
| **WARRANTY** | |
| Product Warranty Period (Worldwide) | 1-year limited warranty |

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